

Version: Oct2007
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: SKIN
Vehicle: ACETONE

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Report Date:10/04/2007

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Columbus Laboratory	050510914	09/24/98	726	50 (1)	37(710)	53.4	Triethanolamine
Female							
Battelle Columbus Laboratory	050510914	09/23/98	729	50 (1)	35(692)	62.7	Triethanolamine

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

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	Male	Female
#All Organs:		
Benign Tumors	30/50 (60%)	24/50 (48%)
.....		
#All Organs:		
Malignant Tumors	28/50 (56%)	27/50 (54%)
.....		
#All Organs:		
Malignant and Benign Tumors	45/50 (90%)	38/50 (76%)
.....		
#All Organs:		
Hemangioma	1/50 (2%)	1/50 (2%)
.....		
#All Organs:		
Hemangiosarcoma	3/50 (6%)	3/50 (6%)
.....		
#All Organs:		
Hemangiosarcoma or Hemangioma	4/50 (8%)	4/50 (8%)
.....		
#All Organs:		
Histiocytic Sarcoma	0/50 (0%)	4/50 (8%)
.....		
#All Organs:		
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type	0/50 (0%)	8/50 (16%)
.....		

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	Male		Female	
#All Organs:				
Mesothelioma: Benign, Malignant, NOS	0/50	(0%)	0/50	(0%)
.....				
#All Organs:				
Mesothelioma: Malignant	0/50	(0%)	0/50	(0%)
.....				
#All Organs:				
Osteoma	0/50	(0%)	0/50	(0%)
.....				
#All Organs:				
Osteosarcoma	1/50	(2%)	1/50	(2%)
.....				
#All Organs:				
Osteosarcoma or Osteoma	1/50	(2%)	1/50	(2%)
.....				
#Adrenal Cortex:				
Adenoma	3/50	(6%)	0/50	(0%)
.....				
#Adrenal Cortex:				
Sarcoma	0/50	(0%)	0/50	(0%)
.....				
#Adrenal Medulla:				
Pheochromocytoma Benign	1/50	(2%)	1/49	(2%)
.....				

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*Adrenal Medulla: Pheochromocytoma Complex	0/50	(0%)	0/49	(0%)
*Adrenal Medulla: Pheochromocytoma Malignant	0/50	(0%)	0/49	(0%)
*Adrenal Medulla: Pheochromocytoma: Benign, Complex, Malignant, NOS	1/50	(2%)	1/49	(2%)
*Bone Marrow: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
*Bone Marrow: Mast Cell Tumor Malignant	0/50	(0%)	0/50	(0%)
#Bone: Osteoma	0/50	(0%)	0/50	(0%)
#Bone: Osteosarcoma	1/50	(2%)	0/50	(0%)
#Bone: Osteosarcoma or Osteoma	1/50	(2%)	0/50	(0%)

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#Bone:				
Sarcoma	0/50	(0%)	0/50	(0%)
.....				
*Brain:				
Schwannoma Malignant	0/50	(0%)	0/50	(0%)
.....				
*Clitoral/Preputial Gland:				
Adenoma	0/50	(0%)	0/50	(0%)
.....				
*Clitoral/Preputial Gland:				
Carcinoma	0/50	(0%)	0/50	(0%)
.....				
*Clitoral/Preputial Gland:				
Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
.....				
*Clitoral/Preputial Gland:				
Hemangiosarcoma	0/50	(0%)	0/50	(0%)
.....				
*Clitoral/Preputial Gland:				
Squamous Cell Carcinoma	0/50	(0%)	0/50	(0%)
.....				
*Epididymis:				
Sarcoma	0/50	(0%)		

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#Eye: Sarcoma	0/50	(0%)	0/50	(0%)
*Gallbladder: Adenoma	0/48	(0%)	0/48	(0%)
#Harderian Gland: Adenoma	7/50	(14%)	5/50	(10%)
#Harderian Gland: Carcinoma	0/50	(0%)	2/50	(4%)
#Harderian Gland: Carcinoma or Adenoma	7/50	(14%)	7/50	(14%)
*Heart: Hemangioma	0/50	(0%)	0/50	(0%)
*Heart: Hemangiosarcoma	0/50	(0%)	1/50	(2%)
*Heart: Sarcoma	0/50	(0%)	0/50	(0%)

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#Intestine Large: Cecum: Carcinoma	0/50	(0%)	0/50	(0%)
.....				
#Intestine Large: Cecum: Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
.....				
#Intestine Large: Cecum: Leiomyosarcoma	0/50	(0%)	0/50	(0%)
.....				
#Intestine Large: Cecum: Polyp Adenomatous	0/50	(0%)	0/50	(0%)
.....				
#Intestine Small: Duodenum: Adenoma	0/50	(0%)	0/50	(0%)
.....				
#Intestine Small: Duodenum: Carcinoma	0/50	(0%)	0/50	(0%)
.....				
#Intestine Small: Duodenum: Polyp Adenomatous	0/50	(0%)	0/50	(0%)
.....				
#Intestine Small: Ileum: Carcinoma	0/50	(0%)	0/50	(0%)
.....				

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#Intestine Small: Jejunum: Adenoma	0/50	(0%)	0/50	(0%)
#Intestine Small: Jejunum: Carcinoma	3/50	(6%)	0/50	(0%)
#Intestine Small: Jejunum: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Intestine Small: Jejunum: Leiomyosarcoma	0/50	(0%)	0/50	(0%)
#Intestine Small: Jejunum: Polyp Adenomatous	0/50	(0%)	0/50	(0%)
#Intestine Small: Site Unspecified: Adenoma	0/50	(0%)	0/50	(0%)
#Intestine Small: Site Unspecified: Carcinoma	3/50	(6%)	0/50	(0%)
#Intestine Small: Site Unspecified: Carcinoma or Adenoma	3/50	(6%)	0/50	(0%)

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#Intestine Small: Site Unspecified: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Intestine Small: Site Unspecified: Leiomyosarcoma	0/50	(0%)	0/50	(0%)
#Intestine Small: Site Unspecified: Polyp Adenomatous	0/50	(0%)	0/50	(0%)
*Islets, Pancreatic: Adenoma	0/50	(0%)	0/50	(0%)
*Islets, Pancreatic: Carcinoma	0/50	(0%)	0/50	(0%)
*Islets, Pancreatic: Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
*Kidney: Renal Tubule: Adenoma	1/50	(2%)	0/50	(0%)
*Kidney: Renal Tubule: Carcinoma	0/50	(0%)	0/50	(0%)

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*Kidney: Renal Tubule: Carcinoma or Adenoma	1/50	(2%)	0/50	(0%)
.....				
*Liver: Cholangiocarcinoma	0/50	(0%)	0/50	(0%)
.....				
*Liver: Fibrous Histiocytoma	0/50	(0%)	0/50	(0%)
.....				
*Liver: Hemangioma	0/50	(0%)	1/50	(2%)
.....				
*Liver: Hemangiosarcoma	1/50	(2%)	0/50	(0%)
.....				
*Liver: Hepatoblastoma	1/50	(2%)	0/50	(0%)
.....				
*Liver: Hepatocellular Adenoma	19/50	(38%)	9/50	(18%)
.....				
*Liver: Hepatocellular Carcinoma	17/50	(34%)	6/50	(12%)
.....				

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*Liver: Hepatocellular Carcinoma or Hepatoblastoma	18/50 (36%)	6/50 (12%)
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma	33/50 (66%)	12/50 (24%)
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma	33/50 (66%)	12/50 (24%)
*Liver: Hepatocholangiocarcinoma	0/50 (0%)	0/50 (0%)
*Liver: Ito Cell Tumor Malignant	0/50 (0%)	0/50 (0%)
*Liver: Sarcoma	0/50 (0%)	0/50 (0%)
*Lung: Adenoma	0/50 (0%)	0/50 (0%)
*Lung: Alveolar/Bronchiolar Adenoma	6/50 (12%)	3/50 (6%)

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*Lung: Alveolar/Bronchiolar Carcinoma	7/50	(14%)	2/50	(4%)
*Lung: Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma	12/50	(24%)	5/50	(10%)
*Lung: Fibrosarcoma	0/50	(0%)	0/50	(0%)
*Lung: Fibrous Histiocytoma	0/50	(0%)	0/50	(0%)
*Lung: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Lymph Node: Fibrous Histiocytoma	0/50	(0%)	0/50	(0%)
#Lymph Node: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Lymph Node: Sarcoma	0/50	(0%)	0/50	(0%)

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#Lymph Node, Bronchial: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Lymph Node, Mandibular: Fibrous Histiocytoma	0/50	(0%)	0/50	(0%)
#Lymph Node, Mediastinal: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Lymph Node, Mesenteric: Fibrous Histiocytoma	0/50	(0%)	0/50	(0%)
#Lymph Node, Mesenteric: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Mammary Gland: Carcinoma	0/50	(0%)	0/50	(0%)
#Mammary Gland: Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma	0/50	(0%)	0/50	(0%)

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#Mesentery: Fibrosarcoma	0/50	(0%)	0/50	(0%)
#Mesentery: Fibrous Histiocytoma	0/50	(0%)	0/50	(0%)
#Mesentery: Hemangioma	0/50	(0%)	0/50	(0%)
#Mesentery: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Mesentery: Leiomyosarcoma	0/50	(0%)	0/50	(0%)
#Mesentery: Sarcoma	0/50	(0%)	0/50	(0%)
*Nose: Carcinoma	0/50	(0%)	0/50	(0%)
*Nose: Hemangioma	0/50	(0%)	0/50	(0%)

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<hr/>				
*Nose:				
Mast Cell Tumor Malignant	0/50	(0%)	0/50	(0%)
<hr/>				
*Nose:				
Sarcoma	0/50	(0%)	0/50	(0%)
<hr/>				
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):				
Papilloma Squamous or Papilloma	0/50	(0%)	0/50	(0%)
<hr/>				
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):				
Squamous Cell Carcinoma	0/50	(0%)	0/50	(0%)
<hr/>				
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):				
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma	0/50	(0%)	0/50	(0%)
<hr/>				
#Oral Mucosa:				
Squamous Cell Carcinoma	0/50	(0%)	0/50	(0%)
<hr/>				
*Ovary:				
Choriocarcinoma			0/50	(0%)
<hr/>				
*Ovary:				
Cystadenoma			1/50	(2%)
<hr/>				

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*Ovary: Fibrous Histiocytoma		0/50	(0%)
*Ovary: Granulosa Cell Tumor Benign		0/50	(0%)
*Ovary: Granulosa Cell Tumor Malignant		0/50	(0%)
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS		0/50	(0%)
*Ovary: Hemangioma		0/50	(0%)
*Ovary: Hemangiosarcoma		0/50	(0%)
*Ovary: Leiomyosarcoma		0/50	(0%)
*Ovary: Luteoma		1/50	(2%)

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*Ovary:				
Teratoma Benign			0/50	(0%)
.....				
*Ovary:				
Tubulostromal Adenoma			0/50	(0%)
.....				
*Pancreas:				
Carcinoma	0/50	(0%)	0/50	(0%)
.....				
*Pancreas:				
Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
.....				
*Pituitary Gland: Pars Distalis or Unspecified Site:				
Adenoma	0/50	(0%)	8/50	(16%)
.....				
*Pituitary Gland: Pars Distalis or Unspecified Site:				
Carcinoma	0/50	(0%)	0/50	(0%)
.....				
*Pituitary Gland: Pars Distalis or Unspecified Site:				
Carcinoma or Adenoma	0/50	(0%)	8/50	(16%)
.....				
*Pituitary Gland: Pars Intermedia:				
Adenoma	1/50	(2%)	0/50	(0%)
.....				

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*Pituitary Gland: Pars Intermedia:				
Carcinoma or Adenoma	1/50	(2%)	0/50	(0%)
.....				
*Prostate:				
Adenoma	0/50	(0%)		
.....				
*Prostate:				
Carcinoma or Adenoma	0/50	(0%)		
.....				
*Salivary Glands:				
Carcinoma	0/50	(0%)	0/50	(0%)
.....				
*Salivary Glands:				
Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
.....				
#Seminal Vesicle:				
Adenoma	0/50	(0%)		
.....				
#Skeletal Muscle:				
Hemangiosarcoma	0/50	(0%)	0/50	(0%)
.....				
#Skeletal Muscle:				
Rhabdomyosarcoma	0/50	(0%)	1/50	(2%)
.....				

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#Skeletal Muscle:				
Rhabdomyosarcoma or Rhabdomyoma	0/50	(0%)	1/50	(2%)
.....				
#Skeletal Muscle:				
Sarcoma	0/50	(0%)	0/50	(0%)
.....				
#Skin:				
Basal Cell Adenoma or Basosquamous Tumor Benign	0/50	(0%)	0/50	(0%)
.....				
#Skin:				
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma	0/50	(0%)	0/50	(0%)
.....				
#Skin:				
Basal Cell Carcinoma	0/50	(0%)	0/50	(0%)
.....				
#Skin:				
Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)	0/50	(0%)	0/50	(0%)
.....				
#Skin:				
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma	0/50	(0%)	0/50	(0%)
.....				
#Skin:				
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma	0/50	(0%)	0/50	(0%)

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#Skin:				
Basosquamous Tumor Benign	0/50	(0%)	0/50	(0%)
#Skin:				
Fibroma	0/50	(0%)	0/50	(0%)
#Skin:				
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma	0/50	(0%)	1/50	(2%)
#Skin:				
Fibrosarcoma	0/50	(0%)	1/50	(2%)
#Skin:				
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma	0/50	(0%)	1/50	(2%)
#Skin:				
Fibrous Histiocytoma	0/50	(0%)	0/50	(0%)
#Skin:				
Hemangioma	0/50	(0%)	0/50	(0%)
#Skin:				
Hemangiosarcoma	0/50	(0%)	1/50	(2%)

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#Skin:				
Liposarcoma	0/50	(0%)	0/50	(0%)
#Skin:				
Mast Cell Tumor Malignant	0/50	(0%)	0/50	(0%)
#Skin:				
Melanoma Malignant	1/50	(2%)	1/50	(2%)
#Skin:				
Neural Crest Tumor	0/50	(0%)	0/50	(0%)
#Skin:				
Neurofibrosarcoma or Schwannoma (malignant or NOS)	0/50	(0%)	0/50	(0%)
#Skin:				
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)	0/50	(0%)	0/50	(0%)
#Skin:				
Osteosarcoma	0/50	(0%)	1/50	(2%)
#Skin:				
Sarcoma	0/50	(0%)	0/50	(0%)

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#Skin:				
Schwannoma Malignant	0/50	(0%)	0/50	(0%)
#Skin:				
Squamous Cell Carcinoma	0/50	(0%)	0/50	(0%)
#Skin:				
Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma	0/50	(0%)	0/50	(0%)
#Skin:				
Squamous Cell Papilloma	0/50	(0%)	0/50	(0%)
#Skin:				
Squamous Cell Papilloma or Papilloma	0/50	(0%)	0/50	(0%)
#Skin:				
Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma	0/50	(0%)	0/50	(0%)
#Skin:				
Squamous Cell Papilloma, Papilloma, or Keratoacanthoma	0/50	(0%)	0/50	(0%)
#Skin: Sebaceous Gland:				
Adenoma	0/50	(0%)	1/50	(2%)

*: Denominator is number of animals with tissues examined microscopically
 #: Denominator is number of animals necropsied

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Strain: B6C3F1
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	Male		Female	
#Skin: Sebaceous Gland: Carcinoma or Adenoma	0/50	(0%)	1/50	(2%)
.....				
#Spinal Cord: Meningioma Malignant	0/50	(0%)	0/50	(0%)
.....				
*Spleen: Fibrous Histiocytoma	0/49	(0%)	0/50	(0%)
.....				
*Spleen: Hemangioma	1/49	(2%)	0/50	(0%)
.....				
*Spleen: Hemangiosarcoma	2/49	(4%)	1/50	(2%)
.....				
#Stomach, Forestomach: Mast Cell Tumor Malignant	0/50	(0%)	0/50	(0%)
.....				
#Stomach, Forestomach: Squamous Cell Carcinoma	0/50	(0%)	0/50	(0%)
.....				
#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous	1/50	(2%)	2/50	(4%)
.....				

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	Male		Female	
#Stomach, Forestomach: Squamous Cell Papilloma	1/50	(2%)	2/50	(4%)
.....				
#Stomach, Glandular: Adenoma	0/50	(0%)	0/50	(0%)
.....				
#Stomach, Glandular: Carcinoma	0/50	(0%)	0/50	(0%)
.....				
#Stomach, Glandular: Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
.....				
*Testes: Adenoma	0/50	(0%)		
.....				
*Testes: Hemangiosarcoma	0/50	(0%)		
.....				
*Testes: Seratoli Tumor: Benign, Malignant, NOS	0/50	(0%)		
.....				
*Testes: Sertoli Cell Tumor Malignant	0/50	(0%)		
.....				

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	Male		Female	
*Thymus: Thymoma Malignant	0/48	(0%)	0/49	(0%)
*Thymus: Thymoma: Benign, Malignant, NOS	0/48	(0%)	0/49	(0%)
*Thyroid Gland: Adenoma	0/50	(0%)	0/50	(0%)
*Thyroid Gland: C-Cell: Carcinoma	0/50	(0%)	0/50	(0%)
*Thyroid Gland: C-Cell: Carcinoma or Adenoma	0/50	(0%)	0/50	(0%)
*Thyroid Gland: Follicular Cell: Adenoma	1/50	(2%)	0/50	(0%)
*Thyroid Gland: Follicular Cell: Carcinoma	0/50	(0%)	1/50	(2%)
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma	1/50	(2%)	1/50	(2%)

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	Male		Female	
#Tissue NOS: Carcinoma	0/50	(0%)	0/50	(0%)
#Tissue NOS: Hemangiosarcoma	0/50	(0%)	0/50	(0%)
#Tissue NOS: Schwannoma Malignant	0/50	(0%)	0/50	(0%)
#Tongue: Squamous Cell Carcinoma	0/50	(0%)	0/50	(0%)
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous	0/50	(0%)	0/50	(0%)
#Tongue: Squamous Cell Papilloma	0/50	(0%)	0/50	(0%)
#Tooth: Odontoma	1/50	(2%)	0/50	(0%)
*Urinary Bladder: Hemangioma	0/50	(0%)	0/50	(0%)

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	Male		Female
*Urinary Bladder: Hemangiosarcoma	0/50 (0%)		0/50 (0%)
#Uterus: Adenoma			0/50 (0%)
#Uterus: Carcinoma			0/50 (0%)
#Uterus: Deciduoma Benign			0/50 (0%)
#Uterus: Hemangioma			0/50 (0%)
#Uterus: Hemangiosarcoma			0/50 (0%)
#Uterus: Leiomyoma			0/50 (0%)
#Uterus: Leiomyosarcoma			0/50 (0%)

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	Male		Female
#Uterus: Polyp Stromal		1/50 (2%)	
#Uterus: Sarcoma Stromal		0/50 (0%)	
#Uterus: Sarcoma Stromal or Polyp Stromal		1/50 (2%)	
#Uterus: Schwannoma Malignant		0/50 (0%)	
#Vagina: Squamous Cell Carcinoma		0/50 (0%)	
#Vagina: Squamous Cell Papilloma		0/50 (0%)	
#Zymbal's Gland: Carcinoma	0/50 (0%)	0/50 (0%)	
#Zymbal's Gland: Carcinoma or Adenoma	0/50 (0%)	0/50 (0%)	

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